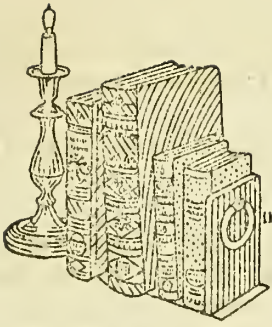


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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Vol. 9, No. 1-2-3

Jan.-Feb.-Mar. 1950

TO OUR BORROWERS

Communications to and from the Library are official business and may be sent under frank. Books weighing less than four pounds may also be sent under frank. Always indicate your official address - never your home address.

One of our services is to obtain books from other libraries when we do not have them in our own collection. Like anyone else we are subject to the rules and regulations - and FINES - of these libraries. Your cooperation in returning these books on time will be appreciated. If there is a fine it becomes the responsibility of the borrower.

Books should be returned to the address indicated on the "Date Due" slip - that is, some go to San Francisco and some to our Berkeley office.

NEW BOOKS

CALIFORNIA AGRICULTURAL EXPERIMENT STATION. Ground Water in California: the present state of our knowledge, by Patricia McBride Bartz. 67 p. Berkeley, Calif., 1949. (Giannini foundation. Ground water studies No. 1)

CALIFORNIA. DEPT. OF PUBLIC WORKS. DIV. OF WATER RESOURCES. Alternative Plans for Control of Floods in Upper Sacramento Valley. 217 p. Sacramento, 1948.

CALIFORNIA. LEGISLATURE. JOINT LEGISLATIVE COMMITTEE ON WATER PROBLEMS. Water Problems of the State of California. 233 p. Sacramento, 1949. 292 C122R

CRAIG, GEORGE A. & MAGUIRE, WILLIAM P. The California Pine Region Forest Handbook. 193 p. Sacramento, Calif. Div. of forestry, 1949.

HANNA, MARK. Public Speaking Without Fear and Trembling. 166 p. N. Y., Macmillan, 1949. 145.2 H192

"Mr. Hanna shows what vital things interest human beings the world over, and how to use those vital elements in a speech. He explains what kinds of words bore people, and what words are power and fire. He tells how to get a smash beginning, how to gather information and how to put that information together to make a fascinating talk. He includes the main in-

redients for success in delivering the speech once it has been prepared. This book ... will appeal ... to all members of the great public who want to learn how to meet an audience with pleasure and self-confidence."

INGRAM, K. C. Winning Your Way With People. 258 p. N. Y., McGraw-Hill, 1949. 140 In4

"Why do some people get things done so easily? What is the secret of their magic-like touch in dealing with other people? Can we learn it and use it in our every day lives? Mr. Ingram answers these important questions. He describes, with numerous stories and examples, the methods of understanding yourself in relation to others. He puts modern psychology and the findings of the world's great teachers in terms of a simple philosophy of personal action. His suggestions for getting your ideas across to other people, for working harmoniously with people, point up how you can gain maximum effectiveness in dealing with others in your everyday life."

The author is Assistant to the President of the Southern Pacific Railroad, dealing with public and employee relations.

JENSEN, LLOYD B. Meat and Meat Foods; processing and preservation from meat plant to consumer. 218 p. N. Y., Ronald Press, 1949. 50 J45

"The purpose of this book is to explain in non-technical language the processes that bring meats and meat products into the consumer's kitchen in sanitary and appetizing condition; and which have made meat one of the safest as well as the most nutritious of foods.

"Chemists, physicists, bacteriologists, veterinary scientists, engineers, and operating men in meat plants have all contributed to our knowledge of the complex changes that occur in the processing of meats. Their observations and research findings, however, are scattered through scores of technical journals and books, and the aim here is to present a summary of the facts discovered which have practical and informative value for those readers who need a working knowledge of the subject".

LEOPOLD, ALDO. A Sand County Almanac and sketches here and there. 226 p. N. Y., Oxford Univ. Press, 1949. 409 L552

"There are two kinds of people: those who can live without wild things and those who cannot. These essays are the experiences and dilemmas of one who cannot'. So wrote Aldo Leopold in the introduction to this collection of his writing, ranging from a brief description of a wild flower to a philosophical discussion of land conservation.

"Aldo Leopold, one of the world's great naturalists, was a leader in the conservation movement. He also had the ability to express in words of exceptional beauty his appreciation of the way of life of all wild things. In this book have been gathered the best of what might well be called his prose poems".

Magazines should be forwarded to the next person on the list within three days. Do not return them to the Library until the circulation is completed. Although your name may appear at the end of a particular routing slip the Library probably has three or four more lists - so please give a thought to the fellow at the end.

MASEFIELD, GEOFFREY BUSSELL. A Handbook of Tropical Agriculture. 196 p. Oxford, Clarendon Press, 1949. 38 M37

"As the title implies, this book is designed as a practical handbook on agriculture in the tropics, for farmer, businessman, or administrator. For the first time in recent years, simple facts and figures on crops and livestock are combined under one cover for easy reference. The first of four sections is a general survey of soils, implements, irrigation, and some economic aspects. Tropical crops - cereals, oil plants, fruits, vegetables, fibers, rubber, tobacco and such - are described in the second part, while the third deals with agricultural diseases and pests. The fourth section considers the livestock situation in the equatorial belt, with chapters on cattle types and management, dairying, small stock, minor farm animals, and pasture management."

Foreign Agriculture, Aug. 1949

MRAK, E. M. & STEWART, GEORGE F. ed. Advances in Food Research. vol. 2. 558 p. N. Y., Academic Press, 1949. 389 M87 v.2

Partial contents: Thermobacteriology as applied to food processing; The pharmacology of DDT; Chemistry of fruit and vegetable flavors; Histological changes induced in fruits and vegetables by processing; Spray drying of foods.

NATIONAL CHINCHILLA BREEDERS OF AMERICA, INC. The National Guide to Chinchilla Breeding. Salt Lake City, Utah, 1949.

POST, KENNETH. Florist Crop Production and Marketing; the application of scientific facts to the production and marketing of florist cut flowers, potted plants and bulbs grown in the greenhouse or in the field. 891 p. N. Y., Orange Judd Pub. Co., 1949. 96.04 P84

This complete guide and reference is directed to the commercial producer but the variety of information could also be useful to the owner of a few potted plants or bulbs. A splendid book.

SNYDER, LLEWELLYN R. Essential Business Mathematics. 434 p. N. Y., Gregg Pub. Co., 1947. 325 Sn9

"The essential purpose of this textbook is to provide knowledge and skill in the computation of practical financial problems of a business, civic, and personal nature. No attempt has been made to provide an all-inclusive study of the various topics presented. The material has been so prepared that it should form a sound basis for either subsequent or concurrent courses in accounting, investments, business finance, money and banking, insurance, retailing, real estate, statistics, and related business subjects"

THORNE, DAVID WYNNE. Irrigated Soils; their fertility and management. 288 p. Philadelphia, Blakiston Co., 1949. 56.7 T393

The authors "assume that the reader has an elementary knowledge of botany, chemistry, mathematics, and physics, and that he is familiar with such concepts as pH, base exchange, and the physical properties of soil".

They "believe the book will be useful not only in college courses dealing with irrigation and the management of irrigated soils, but also as a refer-

ence and guide to those giving technical advice to farmers on the management of irrigated soils. County agents, and field workers for the Soil Conservation Service, the Bureau of Reclamation, and other agencies in irrigated regions have been asking for information of this type".

TRELEASE, SAM F. & BEATH, ORVILLE A. Selenium: its geological occurrence and its biological effects in relation to botany, chemistry, agriculture, nutrition, and medicine. 292 p. N. Y.; Pub. by the authors, 1949.
391 T71

"The rare and little known element selenium became the subject of immediate interest and intensive research when it was discovered to be the cause of a serious and frequently fatal disease of livestock. Investigations showed that selenium is absorbed from some soils by food and grazing plants in sufficient amounts to make them highly poisonous to animals. Cereal grains and hay grown on certain seleniferous soils cause serious losses of livestock; and native forage plants that accumulate selenium take a heavy toll of cattle and sheep on the ranges of fifteen western states. The selenium problem is of special importance because of the possibility of human injury from consumption of grains, vegetables, eggs, dairy products, and meat from seleniferous areas....".

U. S. CONGRESS. HOUSE. SUBCOMMITTEE OF THE COMMITTEE ON APPROPRIATIONS. Hearings ... Department of Agriculture Appropriations for 1951. 4 parts. Washington, D. C., 1950.

Please specify the part in which you are interested.

U. S. FOREST SERVICE. Woody-Plant Seed Manual. 416 p. 1948. (USDA Misc. Pub. No. 654)

U. S. PRODUCTION & MARKETING ADM. Marketing Frozen Foods; facilities and methods. 175 p. Washington, D. C., 1949.

SELECTED PAMPHLETS.

GARDENING

- Growing strawberries in the home garden. 15 p. 1949. (Calif. Agr. Col. Ext. Cir. No. 151) 100 C12E No. 151
Home vegetable gardening. 31 p. 1948. (Calif. Agr. Col. Ext. Cir. No. 26 rev.) 100 C12E No. 26
Ridding the garden of common pests. 39 p. 1948. (Calif. Agr. Col. Ext. Cir. No. 146) 100 C12E No. 146
Rose culture in California. 37 p. 1948. (Calif. Agr. Col. Ext. Cir. No. 148) 100 C12E No. 148

LIVESTOCK. FEEDING

- Comparison of methods of supplying phosphorus to range cattle. 22 p. 1949. (USDA Tech. Bul. No. 981) 1 Ag84Te No. 981
Feed for chickens. 30 p. 1949. (Calif. Agr. Col. Ext. Cir. No. 159) 100 C12E
Feeding for milk production. 59 p. 1949. (Oreg. Agr. Expt. Sta. Bul. No. 464) 100 Or3(b) No. 464
Feeding wheat to livestock. 8 p. 1949. (Oreg. Agr. Col. Ext. Bul. No. 695) 100 Or3EB No. 695

Hay rack and feed trough for weaner calves and yearlings. 13 p. 1948. (Nov. Agr. Expt. Sta. Bul. No. 178) 100 N41S(b) No. 178
Once-a-day versus twice-a-day feeding for dairy cows. 7 p. 1949. (USDA cir. No. 830) 1 Ag84C No. 830

MANAGEMENT

Work simplification as exemplified by the work simplification program of the U. S. Bureau of the Budget. 49 p. 1945. (Public Administration Service. Publication No. 91)
Appraisal and control of duplicating service: management bulletin, by U. S. Bureau of the Budget. 44 p. 1949. 151.28 M31

SEEDING

A preliminary guide for range reseeding in Arizona and New Mexico. 12 p. 1949. (Southwestern forest & range expt. sta. Research report No. 7) 1.9622 S3R31
Preliminary report - the Cochran airplane seeding experiment. 36 p. 1949. (Oregon. State bd. of forestry. Research bul. No. 2) 99.9 Or32R

SOIL CONSERVATION

Dust storms come from the poorer lands. 8 p. 1949. (USDA Leaflet No. 260) 1 Ag84L No. 260
Grasses and legumes for soil conservation in the Pacific Northwest. 56 p. 1949. (USDA Misc. Pub. No. 678) 1 Ag84M No. 678
Streambank plantings for erosion control in the Northeast. 8 p. 1949. (USDA Leaflet No. 258) 1 Ag84L No. 258
Technical skill for soil and water conservation. 14 p. 1949. (USDA PA-86) 1 Ag84Pro No. 86

SOIL INOCULATION

Inoculation of legumes. 8 p. 1947. (Idaho. Agr. Col. Ext. Cir. No. 101) 100 Id1E No. 101
Legume inoculation: what it is; what it does. 20 p. 1948. (USDA Farmers' bul. No. 2003) 1 Ag84F No. 2003

TANNIN

Some basic information regarding tannins and tannin-yielding crops. 112 p. 1948 USDA Off. of foreign agr. relations. 1.943 Sc52
Tannin content and other characteristics of native sumac in relation to its value as a commercial source of tannin. 76 p. 1949. (USDA Tech. Bul. No. 986) 1 Ag84Te No. 986

WATER

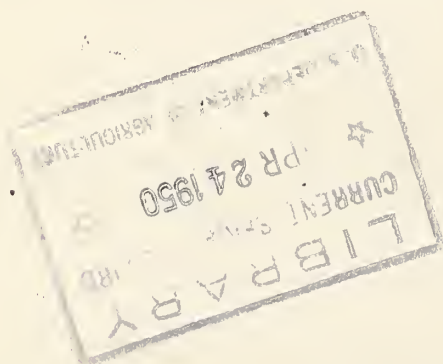
Annual report, San Diego county water authority. Library has 1946 & 1948
Consumptive use of water rates in the Upper Colorado River basin (provisional), by Harry F. Blaney and Wayne D. Criddle. 50 p. SCS, Div. of Irrig., 1948.
Evapo-transpiration. Summary of paper presented at the Soil and water conservation meeting, Pasadena, 1944, by Harry F. Blaney. 8 p.
Normalcy tests of precipitation and frequency studies of runoff on small watersheds. 24 p. 1949. (USDA Tech. bul. No. 985) 1 Ag84Te No. 985

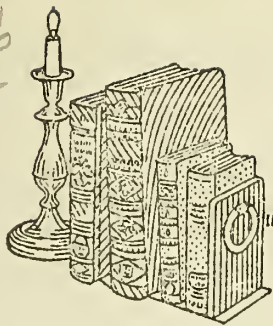
Rainfall interception by chaparral in California, by E. L. Hamilton & P. B. Row. 43 p. Calif. State Div. of forestry, 1949.
Report of the Metropolitan Water District of Southern California, fiscal year July 1, 1948 to June 30, 1949. 124 p. Los Angeles, Calif., 1949. 292 M56
Review of the 1947-48 water year in southern California. 15 p. U. S. Geological survey, Los Angeles, Calif., 1949. (water bulletin)
Snow surveys for forecasting stream flow in western Nevada. 120 p. (Nov. Agr. Expt. Sta. Bul. No. 184) 1949. 100 N41S No. 184
South coastal basin investigations - overdraft on ground water basins. 256 p. 1947. (Calif. Div. of water resources. Bul. No. 53) 292.9 C12B No. 53

WOOD PRESERVATION

Poles and fence posts for Oregon farms. 23 p. 1947. (Oreg. Agr. Col. Ext. Bul. No. 681) 100 Or3EB No. 681
Preservative treatment of Virginia's fence posts. 26 p. 1949. Richmond, Va., Dept. of conservation & development.
Prevention of deterioration in stored southern hardwood logs. 6 p. Southern forest & range expt. sta., 1949.
Service life of treated and untreated fence posts. 22 p. 1949. (Oreg. forest products lab. Progress report No. 2) 99.9 Or3522P

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Vol. 9, No. 4-5-6

Apr.-May-June 1950

NEW BOOKS

AMERICAN SOCIETY OF AGRONOMY. *Advances in Agronomy*. v.1. 439 p. N. Y., Academic Press, 1949.

"Agronomic science, as other branches of science and technology, has made many and rapid advances in recent years. The pressure of specialization, however, makes it difficult for those in professional positions to keep even reasonably well informed of the newer developments in fields other than their own. 'Advances in Agronomy' has as its objective the survey and review of recent developments in the field; it presents a coherent treatment of that which is new against the background of established information."

Ten articles are presented here, each written by specialists for their professional colleagues, but so written as to be intelligible to the average agronomist as well as to the specialist. The central theme of the initial volume is soil-crop relationships. It is the first of a regular annual series of volumes that will, in due course, cover the entire field of agronomy. As such, they will be indispensable to all who are interested in any aspect of the science."

CALIF. DIV. OF WATER RESOURCES. *Flood Flows and Stages in Sacramento and Northern San Joaquin Valleys, 1946-1948*. 186 p. Sacramento, Calif., Sept. 1948.

CALIF. SENATE. *California's Fish and Game Program. Report to the Wildlife Conservation Board, by Seth Gordon*. 246 p. Sacramento, Calif., 1950.

"The 1947 Legislature diverted \$9,000,000 due the State from horse racing operations, from the General Fund to the Wildlife Restoration Fund, and at that session adopted an act known as the Wildlife Conservation Act of 1947, creating a special board ~~as administrator of the fund and the development program~~ of conservation and recreation essential to the welfare of the State."

This is the report of Mr. Seth Gordon who was engaged to plan and carry into execution California's program.

LIBRARY REQUEST FORM AD-245 is a great convenience.
Obtain copies through your regular supply channels.
The Library does not have them for distribution

DURUZ, WILLIS PIERRE. The Principles of Nursery Management. 125 p. N. Y., De la Marc, 1950. 90.21 D93

This book is a guide for students and beginners as well as an aid to those already engaged in nursery business. In general common phrasing is used rather than scientific terminology. The material is arranged to present the general procedure in a modern nursery and the logic behind the operation. The author has spent much of his life on the West Coast and has degrees from the University of California and Stanford. He has had extensive teaching experience.

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS. Efficient Use of Fertilizers. 182 p. Washington, D. C., 1949. (Agricultural Studies No. 9)
28 F73 No. 9

"The efficient use of manures and fertilizers is one of the most important technical factors in food production. This monograph deals with the subject especially for agricultural administrators and advisers who work with farmers and farm organizations. It is not an exhaustive treatise for technicians. Nor is it a detailed handbook of complete recommendations for particular local areas. Rather, it has a different purpose from either of these - the purpose of helping agricultural administrators and advisers all over the world to spread the available knowledge about fertilizers and their use for crop production. .."

KLOSE, NELSON. America's Crop Heritage; the history of foreign plant introduction by the Federal Government. 156 p. Ames, Iowa State College Press, 1950.
30.9 K69

The general reader will find here the origin of familiar agricultural crops; the student can use it as a text in agricultural history. It is the author's hope "that it will afford an insight into the ancient process of cultural transference - the contribution of other ages and countries to America". David Fairchild has written the introduction.

Schultz, Theodore W. Production and Welfare of Agriculture. 225 p. N. Y., Macmillan Co., 1949. 281.12 Sch82Pr

"In this book I endeavor, in a series of studies of American agricultural policy, to untangle the economic strands of that policy. I try to isolate and make explicit the objectives that have guided policy since World War I, and to indicate in this connection the stress that has been placed upon equality for agriculture, income, prices and upon the family farm as a social and economic institution. I undertake the task of determining whether these are meaningful objectives for policy and in doing so consider briefly a more comprehensive formulation of social action in order to classify and identify the economic aspects of policy. Two basic policy objectives having important economic content emerge. One of these pertains to the allocation of resources where the focus is upon efficiency in production and the other to the personal distribution of income where certain ideas with regard to social efficiency are clearly in the foreground. The social task of achieving an efficient allocation of resources and also that of attaining less inequality in the personal distribution of income are both viewed as problems in welfare.

From the Author's Preface.

SOIL SCIENCE SOCIETY OF AMERICA. Proceedings, 1948. 587 p. Madison, Wis., 1949. 56.9 S63 v.13

U. S. BUREAU OF RECLAMATION. Central Valley Basin: a comprehensive departmental report on the development of the water and related resources of the Central Valley Basin, and comments from the State of California and Federal agencies. 431 p. Washington, D. C., Aug. 1949. (Senate document)

U. S. BUREAU OF STANDARDS. Care and Repair of the House. 209 p. Washington, D.C. 1949. (N BS Circular 489)

The attractiveness of a home, and the pride and satisfaction derived from it, depend a great deal on the way the home is maintained. This bulletin offers simple directions for dealing with leaky faucets, doors that stick, reroofing, walls that need repair, refinishing floors, and many other minor repairs and alterations.

U. S. OFFICE OF DOMESTIC COMMERCE. National Associations of the United States. 634 p. Washington, D. C., 1949. 157.55 N212

Although this book is For Reference Only many of you may be interested to know about this "directory and review of the services and accomplishments of trade associations, professional societies, labor unions, farm cooperatives, chambers of commerce, better business bureaus, and other organizations which play a prominent part in American life".

DID YOU MISS THESE?

These books are back on our shelves again. All have been enormously popular.

BARRETT, THOMAS J. Harnessing the Earthworm. 184 p. Boston, Bruce Humphries, 1947. 436 B272H

BROWN, H. P. & PANSHIN, A. J. Textbook of Wood Technology. V.1. Structure, Identification, Defects, and Uses of the Commercial Woods of the United States. 652 p. N. Y., McGraw-Hill, 1949. 99.79 B81T

BROWN, NELSON COURTLAND. Logging: the principles of harvesting timber in the United States and Canada. 418 p. N. Y., Wiley, 1949. 99.76 B81Log

DUNHAM, WAYLAND A. It's a date. 156 p. Pasadena, Publication Press, 1948. 93.43 D92

GILBERT, FRANK A. Mineral Nutrition of Plants and Animals. 131 p. Norman, Univ. of Oklahoma Press, 1948. 395. G373

GLESINGER, EGON. The Coming Age of Wood. 279 p. N. Y., Simon & Schuster, 1949. 99.75 G48

GRAHAM, EDWARD H. & VAN DERSAL, WM. R. Wildlife for America: the study of wildlife conservation. 109 p. N. Y., Oxford Univ. Press, 1949. 412.9 G76

HINDUS, MAURICE. In Search of a Future, Persia, Egypt, Iraq and Palestine. 273 p. N. Y., Doubleday, 1949. 280.165 H58

HINDE, GEORGE & BLISS. Sierra-Nevada Lakes. 383 p. N. Y., Bobbs-Merrill, 1949. 158 H59

HOPKINS, JOHN A. & HEADY, EARL O. Farm Records; 3d ed. 303 p. Ames, Iowa State College Press, 1949. 30.6 H77F Ed.3

- HOWARD, LOUISE E. The Earth's Green Carpet. 258 p. Emmaus, Pa., Rodale Press, 1947. 30 H83
- LAURIE, ALEXANDER & KIPLINGER, D. C. Commercial Flower Forcing: the fundamentals and their application to the culture of greenhouse crops; 5th ed. 550 p. Philadelphia, Blakiston Co., 1948. 90.13 L37
- MCDUGALL, WALTER BYRON. Plant Ecology; 4th ed. 234 p. Philadelphia, Lea & Febiger, 1949. 463.8 M142
- MORRISON, FRANK B. Feeds and Feeding: a handbook for the student and stockman; 21st ed. 1207 p. Ithaca, Morrison Pub. Co., 1949. 389.7 M833
- NILES, MARY CUSHING HOWARD. Middle Management: the job of the junior administrator. Rev. ed. 274 p. N. Y., Harper, 1949. 249.3 N59
- OOSTING, HENRY J. The Study of Plant Communities. 389 p. San Francisco, W. H. Freeman Co., 1948. 463.8 Oo92
- PARPART, ARTHUR K. The Chemistry and Physiology of Growth. 293 p. Princeton Univ Press, 1949. 442 P242
- RODALE, J. K. The Organic Front. 199 p. Emmaus, Pa., Rodale Press, 1948. 56.6 R610
- SELF, MARGARET CABELL. The Horseman's Encyclopedia. 519 p. N. Y., Barnes, 1946. 42 So4H
- SHEAT, WILFRED G. Propagation of Trees, Shrubs, and Conifers. 479 p. London, Macmillan, 1948. 90.11 Sh3
- SHOEMAKER, JAMES. Vegetable Growing. 506 p. N. Y., Wiley, 1947. 91.15 Sh7
- TRIPPENSEE, REUBEN EDWIN. Wildlife Management: upland game and general principles. 477 p. N. Y., McGraw-Hill, 1948. (American forestry series) 411.2 T73
- VAUGHAN, LAWRENCE M. & HARDIN, LOWELL S. Farm Work Simplification. 145 p. N. Y., Wiley, 1949. 283 V46
- WILKINSON, ALBERT EDMUND. The Encyclopedia of Fruits, Berries and Nuts & How to grow them. 271 p. Philadelphia, Blakiston Co., 1945. 93.21 W65

SELECTED PAMPHLETS

DAIRYING

- Bacteriophage and flavor problems in cultured milk products. 7 p. 1950. (Oreg. Agr. Expt. Sta. Cir. of Inform. No. 480) 100 Or3C No. 480
- Dairy farm management in California. 42 p. 1949. (Calif. Agr. Col. Ext. Cir. No. 156) 100 C12E No. 156
- Fly control on dairy cattle and in dairy barns. 12 p. 1950. (USDA Leaflet No. 283) 1 Ag84L No. 283
- Quaternary and cleaner-sanitizers in the dairy industry. 8 p. 1950. (Oreg. Agr. Expt. Sta. Cir. of Inform. No. 481) 100 Or3C No. 481
- Testing milk and cream. 16 p. 1949. (Calif. Agr. Expt. Sta. Cir. No. 340 rev.)

FLORICULTURE

- Camellia culture in California. 23 p. 1950. (Calif. Agr. Col. Ext. Cir. 164) 100 C12E No. 164
- Camellia Flower blight. 3 p. 1950. (Oreg. Agr. Expt. Sta. Cir. of Inform. No. 474) 100 Or3C No. 474
- Growing begonias in California. 41 p. 1950. (Calif. Agr. Col. Ext. Cir. No. 162) 100 C12E No. 162

PLEASE WRAP BOOKS SECURELY IN CORRUGATED PAPER

FORESTRY

- Direct-seeding experiments in the southern coastal region of British Columbia, 1923-1949. 45 p. 1949. (B. C. Forest service. Tech. Bul. No. 31) 99.9 B77P No. 31
- Forest fire-danger measurement in the Eastern United States. 68 p. 1949. (USDA Agr. Handbook No. 1) 1 Ag84ah No. 1
- Forestry in Germany, present and prospective, by C. A. Schenk. 42 p. 1948. 99.66 Sch2
- Forty years of western forestry, by Western forestry & conservation assoc. 64 p. 1949.
- Lumber dry kilns and their operation, by A. J. Panshin. 70 p. 1949. (Mich. Agr. Expt. Sta. Spec. Bul. No. 359) 100 M58SB No. 359
- Ponderosa pine bibliography. 74 p. 1950. (Northern Rocky Mountain Forest & Range Expt. Sta. Station Paper No. 22) 1.9 F76 M815S No. 22
- Selected bibliography on forest surveys with aerial photos. 4 p. 1949. 1.9622 P2Se4
- Yield of Douglas fir in the Pacific Northwest. 74 p. 1949. (USDA Tech. Bul. No. 201 rev.) 1 Ag84Te No. 201

FUR FARMING

- Chinchilla raising. 7 p. 1950. (USDA Leaflet No. No. 266) 1 Ag84L No. 266
- Fur farming possibilities. 9 p. 1950. (USDA Leaflet No. 267) 1 Ag84L No. 267
- Handbook on rabbit raising. 67 p. 1950. (Calif. Agr. Col. Ext. Cir. No. 161) 100 C12E No. 161

HOME MANAGEMENT

- The breakfast meal in relation to blood-sugar values. 24 p. 1949. (USDA Cir. No. 827) 1 Ag84C No. 827
- Cheese in your meals. 1950. (USDA Leaflet No. 262) 1 Ag84L No. 282
- Egg dishes for any meal. 16 p. 1946. (USDA Leaflet No. 261) 1 Ag84L No. 261
- Family fare: food management and recipes. 96 p. 1950. (USDA Home & garden Bul. No. 1) 1 Ag84Hg
- Guiding family spending. 26 p. 1949. (USDA Misc. Pub. No. 661) 1 Ag84M No. 661
- A home freezer you can build. 10 p. 1950. (Oreg. Agr. Expt. Sta. Cir. of Inform. No. 475) 100 Or3C No. 475
- How to use whole and nonfat dry milk. 32 p. (USDA Leaflet No. 275) 1 Ag84L
- Posture in housework. 23 p. 1949. (USDA AIS No. 83) 1 Ag84Ai No. 83
- Recipes for evaporated apple rings. 12 p. 1950. (USDA Leaflet No. 263) 1 Ag84L No. 263
- Re-upholstering a chair at home. 46 p. 1950. (Oreg. Agr. Col. Ext. Bul. No. 698) 100 Or3EB No. 698
- Shopper's cont. 4 p. 1950. (USDA Leaflet No. 271) 1 Ag84L No. 271
- Turkey on the table ... the year round. 21 p. 1950. (USDA Farmers' Bul. No. 2011 rev.) 1 Ag84F No. 211

HORSES

- How to select a sound horse. 22 p. 1949. (USDA Farmers' Bul. No. 779 rev.) 1 Ag84F No. 779
- Performance of Morgan horses under saddle. 36 p. 1950. (USDA Cir. No. 824) 1 Ag84C No. 824

HYDROPONICS

Water-culture method for growing plants without soil. 32 p. 1950. (Calif. Agr. Expt. Sta. Cir. No. 347 rev.) 100 C12S No. 347

RODENT CONTROL

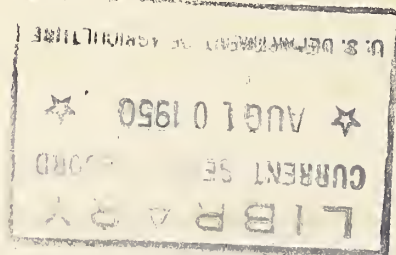
Control of field rodents in California. 50 p. 1949. (Calif. Agr. Col. Ext. Cir. No. 138 rev.) 100 C12E No. 138
Control of rats and mice. 37 p. 1948. (Calif. Agr. Col. Ext. Cir. No. 142) 100 C12E No. 142

SPECIALTY CROPS

Oregon's specialty field and drug crops, 1915-1948. 14 p. 1949. (Oreg. Agr. Col. Ext. Bul. No. 696) 100 Or3EB No. 696
Production of drug and condiment plants. 99 p. 1948. (USDA Farmers' Bul. No. 1999) 1 Ag84F No. 1999

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Vol. 9, No. 7-8-9

Jul.-Aug.-Sept. 1950

NEW BOOKS

BALFOUR, LADY EVELYN BARBARA. The Living Soil: evidence of the importance to human health of soil vitality, with special reference to national planning. 270 p. 8th ed. rev. N. Y., Devin-Adair Co., 1950. 56.5 B19

"Nine printings of Lady Balfour's The Living Soil have been brought out in England since it was first published in 1943; it is now established as a scientific classic in soil biology and fertility relationships. This edition, the first in the U. S., is completely revised and up to date."

BROEL, ALBERT. Frog Raising. 152 p. Detroit, Marlboro House, 1943. 415 B78

Discusses the history, commercial possibilities, habits and behavior, locale, breeding, feeding and marketing of frogs.

BROMFIELD, LOUIS. Out of the Earth. 305 p. N. Y., Harper, 1950. 31.3 B780

"Louis Bromfield makes such a good case for his methods of research as almost to persuade one that the experiment stations have the wrong approach to the study of soils, plants, animals, and man. Of course, Bromfield is an intelligent man, and he reads, travels, and talks to many persons in the course of a year, most of whom apparently come to visit him. As a result of his many contacts he is becoming an increasingly well-informed man, and this book shows it. Thus he no longer advocates throwing away the mold-board plow, eliminating the corn crop, farming with ^{out} fertilizers, specializing in earthworm production, or doing a lot of other things that passing fancies suggest, but he puts each of these in its proper place. And he raises some very embarrassing questions for agricultural scientists to ponder, such as his method of curing cattle of Bang's disease. All of this is set down in print in such an attractive manner that the reader finds himself entranced by the good earth as Bromfield portrays it."

Soil Science, Aug. 1950

CLAWSON, MARION. The Western Range and Livestock Industry. 401 p. N. Y., McGraw-Hill, 1950. (American forestry series) 40 C57

"The objective of this distinctive new book is to analyze and describe the range livestock industry from an economic viewpoint. The author draws upon his 20 years of professional work and 40 years of living in the rangelivestock region in considering the following points: the physical environment upon which the industry is closely dependent, the ownership and management of the extensive areas of land which the industry uses, the economic prob-

lems of ranch organization and operation, credit for the industry, and the factors affecting demand for, and supply of, range livestock products..."

Quoted from the book jacket

FORMAN, JONATHAN, ed. Water and Man: a study in ecology. 408 p. Columbus, Ohio, Friends of the land, 1950.

"Water and Man is the invaluable record of what was said when nearly a score of top-light authorities on the subject of water and its relation to Man's life and work upon this Planet, were brought from all parts of the country by Friends of the Land, to address their Eighth Annual Conference on Conservation, Nutrition and Health.

"In 28 Chapters, annotated by Jonathan Forman, M.D., and with the addition of essays the editors, Jonathan Forman and Ollie E. Fink believed pertinent, water is brought into focus. Although water has never ceased to command the attention of scientist, philosopher, and poet ... it is still reluctant to reveal its secrets."

HARDY, MARTHA. Tatoosh. 239 p. N. Y., Macmillan, 1946. 145 H22

Now you can read how a "lady lookout" lives week after week in a goldfish bowl on some prominent peak in the mountains. Although the author emphasizes the amusing details of her life spotting forest fires she develops a strong case for fire prevention and forest conservation.

HARVEY, ATHELSTAN GEORGE. Douglas of the fir: a biography of David Douglas, botanist. 290 p. Cambridge, Mass., Harvard Univ. Press, 1947. 120 D74H

"A noble tree, the world's greatest producer of structural timber, was named in honor of David Douglas who, in his short life-span of thirty-five years, made more contributions to modern horticulture than any other single individual. This is a biography of David Douglas intrepid explorer and naturalist whose travels extended throughout the Columbia River territory and across the continent to Hudson Bay and included California, the Sandwich Islands, New Caledonia and Hawaii".

American Forests, May 1948

PANSHIN, ALEXIS JOHN. Forest Products, their sources, production, and utilization. 549 p. N. Y., McGraw-Hill, 1950. 99.75 P19

"Employing a practical yet technical approach, this text is a broad introductory treatise which presents in concise form information on the origin, methods of conversion, and utilization of the principal primary and secondary forest products in America, as well as those from other parts of the world that are important in the American economy. Technical phases of manufacturing are treated without undue emphasis on minute technical and production details."

Quoted from the book jacket

PICTON, LIONEL JAMES. Nutrition and the Soil. 374 p. N. Y., Devin-Adair Co., 1949. 56.6 P58

"The soil as a milestone on the road to health is the theme of this book. The volume is based on the author's experience in private practice and in public health work and on reported experiences of other doctors in Europe,

Asia and elsewhere. The school to which Dr. Picton belongs reasons that good health depends upon good nutrition; good nutrition depends upon the quality of food we eat; the quality of our food in turn depends primarily upon the quality of the soil in which it is grown. Unfortunately, the book, while pointing out the value of organic and natural manures, does not properly credit the value of commercial fertilizer."

Fertilizer Review, July-Sept. 1949

SAMMIS, JOHN LANGLEY. Cheese Making: a book for practical cheesemakers, factory patrons, agricultural colleges and dairy schools. 12th ed. rev. 333 p. Madison, Wis., Cheese Maker Book Co., 1948. 44 D35C

The title is self-explanatory. The book is divided into two sections, Part I. General facts for cheesemakers, Part II - Cheese varieties, their classification and manufacture.

SAUNDERSON, MONT HARRIS. Western Land and Water Use. 217 p. Norman, Univ. of Oklahoma Press, 1950. 282.003 Sa8

"For the years before the opening until now, the West has been looked upon as a land of wide-open spaces and plenty. But with the tremendous growth of population west of the Mississippi during and after the war years, this Promised Land today faces problems at least as serious as those of the congested East - problems of how best to husband its land and water resources in the interest of its own future and the nation's economy. For the West is a vast and arid land, limited as the humid East will never be, by sparse rainfall ... The chief concern of any corrective program, asserts Mr. Saunderson, must be the protection of water reserves - the prevention of a too rapid runoff and the consequent sedimentation of reservoirs ..."

U. S. BUREAU OF THE BUDGET. Techniques for the Development of a Work Measurement System. 65 p. Washington, D. C., 1950. 151.281 T22

"A hypothetical Case Study covering (1) the analysis of needs for work measurement in relations of program planning, budget administration, and general management, (2) the selection of valid work units, and (3) the development of necessary forms and reporting procedures."

U. S. BUREAU OF THE BUDGET. Work Measurement in Performance Budgeting and Management Improvement. 30 p. Washington, D. C., 1950. 151.281 W898

Visual charts.

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GOOD CARE. PLEASE WRAP THEM IN CORRUGATED PAPER
FOR MAILING.

GEOLOGY

- Calif. Bur. of Mines. Bulletin No. 147 - Geology of the Quien Sabe quadrangle, Calif. and Quicksilver and antimony deposits of the Stayton district, Calif. 1949.
 Bulletin No. 149. Geology and mineral deposits of an area north of San Francisco Bay, Calif. 1949.
 Bulletin No. 151 - Geology of the Macdoel quadrangle, and Circular soil structures in northeastern California. 1949.
 Bulletin No. 152. Geologic description of the manganese deposits of California. 1950.

HUMAN NUTRITION

- Composition of foods - raw, processed, prepared. 147 p. 1950. (USDA Agr. Handbook No. 8) 1 Ag84Ah No. 8
 FAO nutritional studies. No. 2 - Synthetic fats: their potential contribution to world food requirements. 1949. 14 p.
 No. 3 - Food composition tables for international use. 1949. 56 p.
 No. 4 - Dietary surveys, their techniques and interpretation. 1949. 108 p.
 No. 5 - Caloric requirements. 1950. 65 p.
 Flavor, texture, color, and ascorbic acid content of home-dehydrated vegetables and fruits. 66 p. 1950. (USDA Tech. B. No. 997) 1 Ag84Te No. 997
 What about fish? 11 p. 1948. (Calif. Agr. Col. Ext. Cir. No. 144) 100 C12E No. 144

INSECTS & INSECTICIDES

- Cockroaches and their control. 8 p. 1950. (USDA Leaflet No. 144) 1 Ag84L No. 144
 Control of apple tree borers. 6 p. 1950. (USDA Leaflet No. 274) 1 Ag84L No. 274
 Control of diseases and insect pests of cherries. 6 p. 1950. (Oreg. Agr. Expt. Sta. Cir. of Inform. No. 478) 100 Or3C No. 478
 Control of diseases and insect pests of peaches. 3 p. 1950. (Oreg. Agr. Expt. Sta. Cir. of Inform. No. 476) 100 Or3C No. 476
 Control of diseases and insect pests of prunes. 4 p. 1950. (Oreg. Agr. Expt. Sta. Cir. of Inform. No. 477) 100 Or3C No. 477
 Control of the citrus rust mite. 8 p. 1950. (USDA Farmers' Bul. No. 2012) 1 Ag84F No. 2012
 House fly control. 8 p. 1950. (USDA Leaflet No. 182) 1 Ag84L No. 182
 Insect pests of nursery and ornamental trees and shrubs in Oregon. 164 p. 1948. (Oreg. Agr. Expt. Sta. Sta. Bul. No. 449) 100 Or3(b) No. 449
 Oriental fruit moth. 2 p. 1950. (Oreg. Agr. Expt. Sta. Cir. of Inform. No. 483) 100 Or3C No. 483
 Pest control materials, 1950, by D. E. H. Frear and M. T. Hilborn. 148 p. 100 P381P
 Questions and answers about the cherry fruit fly. 5 p. 1950. (Oreg. Agr. Expt. Sta. Cir. of Inform. No. 479) 100 Or3C No. 479
 Reducing grasshopper damage by regressing woody roadsides and fence rows. 11 p. 1949. (USDA Cir. No. 813) 1 Ag84C No. 813
 Ridding the garden of common pests. 36 p. 1950. (Calif. Agr. Col. Ext. Cir. No. 146 rev.) 100 C12E No. 146

IRRIGATION

- Contour-check method of orchard irrigation. 16 p. 1949. (Calif. Agr. Col. Ext. Cir. No. 73 rev.) 100 C12E No. 73
- Control of weeds on irrigation systems. 140 p. 1949. U. S. Bur. of reclamation. 156.88 C76
- Essentials of irrigation and cultivation of orchards. 23 p. 1950. (Calif. Agr. Col. Ext. Cir. No. 50 rev.) 100 C12E No. 50
- Irrigated lands of Nevada. 57 p. 1949. (Nevada. Agr. Expt. Sta. Bul. N. 183) 100 N41S No. 183
- Irrigated pastures in California. 58 p. 1949. (Calif. Agr. Col. Ext. Cir. No. 125) 100 C12E No. 125
- Measuring water in irrigation channels with Parshall flumes and small weirs. 62 p. 1950. (USDA Cir. No. 843) 1 Ag84C No. 843
- Pumping for irrigation. 40 p. 1950. (SCS-TP-89) 1.96 Ad6TP No. 89

RANGE MANAGEMENT

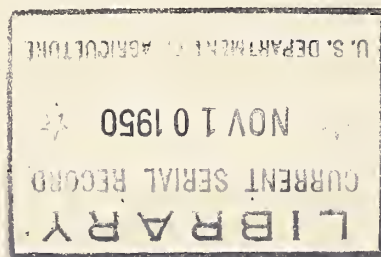
- The brushland plow. 7 p. 1950. (Pacific Northwest Forest & Range Experiment Station Research Note No. 64) 1.9 F76 P11F No. 64
- Converting standard seeding rates for grasses to actual seeding rates per acre, 3 p. 1950. (Pacific Northwest Forest & Range Experiment Station Research Note No. 67) 1.9 F76 P11F No. 67
- Effects of controlled burning on bitterbrush on the upper Snake River plains. 3 p. 1950. (Intermountain Forest & Range Expt. Sta. Research Paper No. 20) 1.9622 I2R31 No. 20
- Proceedings of the eleventh annual Western weed conference. 61 p. 1949. 79.9 W52
- Recent developments in the chemical control of brush on Texas ranges. 18 p. 1950. (Texas Agr. Expt. Sta. Bul. No. 721) 100 T31B No. 721
- Range forage species for seeding in Ponderosa pine areas. 3 p. 1949. (Rocky Mountain Forest & Range Expt. Sta. Research Note No. 5) 1.9622 R2R313 No. 5
- Relation of grazing to runoff and erosion on bunchgrass ranges. 2 p. 1949. (Rocky Mountain Forest & Range Expt. Sta. Research Note No. 7) 1.9622 R2R313
- Seasonal periods for planting grasses in the subalpine zone of central Utah. 12 p. 1950. (Intermountain Forest & Range Expt. Sta. Research Paper No. 18) 1.9622 I2R31 No. 18
- Sudangrass in California. 7 p. 1950. (Calif. Agr. Col. Ext. Cir. No. 165) 100 C12E No. 165
- Will more forage pay? 90 p. 1949. (USDA Misc. Pub. No. 702) 1 Ag84M No. 702

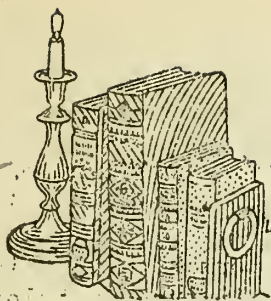
SOILS

- Cobalt: occurrence in soils and forages in relation to a nutritional disorder in ruminants - a review of the literature. 44 p. 1950. (USDA Agr. Inform. Bul. No. 7) 1 Ag84Ab No. 7
- A program of forest soils research for the Pacific Northwest. 8 p. 1949. (Pacific Northwest Forest & Range Expt. Sta. Research Note No. 60) 1.9 F76 P11F No. 60
- Reaction of California soils. 18 p. 1949. (Calif. Agr. Expt. Sta. Bul. No. 712) 100 C12S No. 712
- A simple soil sampler and its use as a permeameter. 1949. 3 p. (Central States Forest Expt. Sta. Tech Paper No. 112) 1.9622 C3222 No. 112

- Consumptive use of water, by H. F. Blaney. 25 p. 1950. SCS
- How forest conditions affected the 1948 Columbia flood. 17 p. 1950. (USDA Agr. Inform. Bul. No. 10) 1 Ag841b No. 10
- Know your watersheds. 13 p. 1950. (USDA Leaflet No. 282) 1 Ag84L No. 282
- Landslides and sedimentation in the North Fork of Ogden River, May 1949. 4 p. 1950. (Intermountain Forest & Range Expt. Sta. Research Paper No. 21) 1.9622 I2R31 No. 21
- Reclamation project data: a book of historical, statistical, and technical information on reclamation projects, by Bur. of Reclamation. 489 p. 1948. 156.85 R243
- Some references on watershed management. 26 p. 1950. (Pacific Northwest Forest & Range Expt. Sta. Research Note No. 63) 1.9 F76 P11F No. 63
- Statistical control in hydrologic forecasting. 29 p. 1950. (Pacific Northwest Forest & Range Expt. Sta. Research Note No. 61) 1.9 F76 P11F No. 61
- Taming runaway waters. 16 p. 1950. (USDA AIS-85) 1 Ag84Ai No. 85
- A trapezoidal flume for gaging mountain streams. 18 p. 1950. (Rocky Mountain Forest & Range Expt. Sta. Station Paper No. 2) 1.9622 R2St2
- Water economy of plants, by H. L. Shantz. 54 p. 1948. (Santa Barbara Botanic Garden Leaflet No. 6) 451 Sa5 No. 6

SIGNE RUH OTTERSEN
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LIBRARY NEWSLETTER

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Vol. 9, No. 10-11-12

Oct.-Nov.-Dec. 1950

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MERRY CHRISTMAS
AND
A HAPPY NEW YEAR

CRAFTS, A. S., CURRIER, H. B. & STOCKING, C. R. Water in the Physiology of Plants. 240 p. Waltham, Mass., Chronica Botanica, 1949. 463.32 C84

This volume "endeavors to bring together in readable form both the historical and the modern ideas about water and its role in the physiological processes of plants. Any satisfactory comprehension of water movements in living systems must be solidly based upon an understanding of the chemical and physical properties of water as a chemical compound. It is the recognition of this important point that has prompted the authors to focus attention upon water rather than upon the plant or on specific processes in the plant. This approach to an important segment of plant physiology is something of a departure from tradition, but is sound and logical in its recognition of the close dependence of physiology upon the physical sciences....."

Science, Apr. 21, 1950

FRANK, BERNARD, & NETBOY, ANTHONY. Water, Land, and People. 331 p. N.Y., Knopf, 1950. 292 F85

"With bold, masterly strokes the authors paint the dramatic picture of our mounting water troubles and the consequences for life in America. Before man laid careless hold of it, the land was a bountiful sponge. Then came those who tampered with the fine balance of nature. Each misdeed was small, but the cumulative effect was to destroy topsoil, start erosion, increase floods, silt rivers and reservoirs, and lower the store of water in the American earth. Now the land is not a sponge, but a drainboard.

"Water shortages, floods, and dust storms are not separate, unrelated events, but the more notorious symptoms of a process that is going on everywhere in the United States. Engineering solutions have been piecemeal and inadequate. Even the famous TVA is imperfect because it failed to adopt a watershed approach, and in the informed opinion of the authors nothing less will do.

"Their striking account of water problems is filled with fascinating local instances. Readers will be able to see their own familiar neighborhood as they never have before - to see the scars of malpractice on the hillsides and the evidences of the race against floods or water famine. They will be able to travel with a more knowing eye, seeing what has been done and undone on farms and in valleys, on mountaintops and by roadsides. The book ends with a series of specific recommendations for the solution of our water problems".

Book jacket

GRANGE, WALLACE BYRON. The Way to Game Abundance, with an explanation of game cycles. 365 p. N.Y., Scribner, 1949. 412.9 G762

"Game abundance is a function of suitable habitat..! Neither Legislation, law enforcement, game farms, seasons and bag limits, predator control, nor food planting are effective without it. "Suitable habitat is a function of the land. Its preservation and improvement can be accomplished only in terms of land, and with the control of land."

Such is the thesis of this ambitious tome, a thesis with which many game managers are familiar. Written with perhaps a less than adequate background and too authoritatively, the book is not too easy reading yet its plus values are so outstanding that it is well recommended.

Reviewed by Fred Cronemiller, FS

ISRAELSON, ORSON W. Irrigation Principles and Practices: 2d ed. 405 p. N.Y., Wiley, 1950. 55 Is7 Ed.2

"This book presents the fundamental aspects of irrigation principles and practices. It reflects the progress made in the field since 1932. Special attention is given to the efficient conveyance of water and its application to and storage in soils of arid regions. The author includes much information that is important in the economic use of water in irrigation, and in the perpetuation of arid-region agriculture."

SAUNDERSON, MONT H. Western Stock Ranching. 247 p. Minneapolis, Univ. of Minn. press, 1950. 60.1 Sa8

"Successful management of a stock ranch today requires a thorough, specialized knowledge of the land, the livestock, and the financial methods involved. This facts-and-figures study by an expert with long experience as a range economist deals with the working problems of sheep and cattle ranching and provides authoritative information on how to operate a ranch profitably".
Book jacket

SOIL SCIENCE SOCIETY OF AMERICA. Proceedings, 1949. 420 p. Madison, Wis., 1950. 56.9 So3 v.14

U. S. BUREAU OF THE CENSUS. Census of Manufactures: 1947. Vol. I - General Summary. 355 p. Govt. Print. Off., 1950.

Detailed comparative statistics for industries and geographic areas on selected subjects. Reference only.

YEAGER, WILLARD HAYES. Effective Speaking for Every Occasion. 444 p. N. Y., Prentice-Hall, 1940. 145.2 Y3

"The unique contribution of this book consists in combining the essential principles of effective speaking with the study of more than sixty speeches which illustrate the application of these principles to specific occasions."

SELECTED PAMPHLETS

BUSINESS MANAGEMENT

GUIDE FOR USE IN HANDLING DISCIPLINARY CASES. 21 p. 1950. (USDA Off. of Personnel. Adm. series No. 10 rev.) 1 P432A No. 10

HOW TO DICTATE TO A STENOGRAPHER. GCS, Ft. Worth, Tex., 1949. 1.9604 H832

RECORDS MANAGEMENT: how to file and find correspondence records. 23 p. 1949. (USDA O.P.O. publication No. 9) 1.917 A20p5

TALKS: a guide to more effective speaking. 11 p. 1950. 1 P432A No. 8

TIPS FOR THOSE WHO DICTATE. 1950. (USDA Off. of Personnel. Adm. series No. 7) 1 P432A No. 7

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FERTILIZERS

NITROGEN FERTILIZERS, 14 p. 1950. (Oreg. Agr. Col. Ext. B. No. 699) 100 Or3EB
SELECTING AND USING FERTILIZERS. 29 p. 1950. (Utah Agr. Expt. Sta. C. No. 126)
100 Ut1C No. 126

FORAGE CROPS

ARTIFICIAL DRYING OF FORAGE CROPS. 28 p. 1950. (USDA Cir. No. 443 rev.)
1 Ag84C No. 443
BARN MOW HAY DRYING. 16 p. 1949. (Calif. Agr. Col. Ext. Cir. No. 149)
100 C12E No. 149
FORAGE CROPS FOR COAST COUNTIES OF OREGON. 31 p. 1950. (Oreg. Agr. Col. Ext. Bul. No. 707) 100 Or3EB No. 707
GRASS SEED PRODUCTION. 22 p. 1949. (Calif. Agr. Col. Ext. Cir. No. 155)
100 C12E No. 155
GROWING ALFALFA FOR SEED IN UTAH. 72 p. 1950. (Utah Agr. Expt. Sta. Cir. No. 125) 100 Ut1C No. 125
HARVESTING HAY AND SILAGE. 17 p. 1950. (BAE FM-79) 1.941 L6F22 No. 79
NUTRITIVE VALUE OF WILD MEADOW HAY AS AFFECTED BY TIME OF CUTTING. 23 p. 1948. (Nev. Agr. Expt. Sta. Bul. No. 181) 100 N41S No. 181

FORESTRY

CULL FACTORS FOR FOREST-TREE SPECIES IN NORTHWESTERN CALIFORNIA. 30 p. 1950. (Calif. Forest & Range Expt. Sta. Forest Survey Release No. 7)
1.9 F76 C12F No. 7
FEDERAL-STATE COOPERATION IN FORESTRY WORK. 17 p. 1950. (Duke Univ. School of Forestry. Lectures No. 9) 99.08 D88L No. 8
FOREST LAWS IN CALIFORNIA: history of forest and fire laws; summary of Forest practice act. 29 p. 1950.
FOREST UTILIZATION IN THE TRANSITIONAL STAGE. 28 p. 1949. (Duke Univ. School of Forestry. Lectures No. 8) 99.08 D88L No. 8
FORESTRY AND FLOOD CONTROL IN JAPAN, by C. J. Krael. 29 p. 1950. (General headquarters. Supreme commander for the allied powers. Nat. resources section. Preliminary study No. 39)
GENERAL IMPRESSIONS OF FORESTRY IN WEST GERMANY, by Geo. F. Burks. 11 p. 1950.
REPORTS OF THE WEST COAST FORESTRY PROCEDURES COMMITTEE ON VARIOUS RECOMMENDED FOREST PRACTICES AND TECHNIQUES. 57 p. 1950. Portland, Oreg., Western forestry & conservation assoc.
SOME IMPRESSIONS OF FORESTRY IN THE WESTERN ZONES OF GERMANY. 17 p. 1950. By A. A. Hasel.
STOCKING OF LOGGED PONDEROSA PINE LAND IN CENTRAL IDAHO. 15 p. 1950. (Intermountain forest & range expt. sta. Research paper No. 23) 1.9622 IsR31 No. 23
TIMBER MANAGEMENT PLANS ON THE NATIONAL FORESTS. 59 p. 1950.
TREES TO KNOW IN OREGON. 80 p. 1950. (Oreg. Agr. Col. Ext. Bul. No. 697) 100 Or3EB No. 697
YOUR TREES - A CROP. How to grow and harvest them in the Douglas-fir region, by the Douglas-fir second growth management committee. 62 p. 1950.

PLEASE WRAP BOOKS SECURELY IN CORRUGATED PAPER

GRAIN STORAGE

- GRAIN BIN REQUIREMENTS. 23 p. 1950. (USDA Cir. No. 835) 1 Ag84C No. 835
STORAGE OF EAR CORN ON THE FARM. 27 p. 1949. (USDA Farmers Bul. No. 2010)
1 Ag84F No. 2010
STORAGE OF SMALL GRAINS AND SHELLED CORN ON THE FARM. 30 p. 1949. (USDA Farmers
Bul. No. 2009) 1 Ag84F No. 2009

IRRIGATION

- CONSERVATION IRRIGATION. 15 p. 1950. (USDA Agr. Inform. Bul. No. 8) 1 Ag84Ab
CONSUMPTIVE USE OF IRRIGATION WATER BY CROPS IN NEVADA. 27 p. 1950. (Nev.
Agr. Expt. Sta. Bul. No. 185) 100 N41S No. 185
DESIGN AND OPERATION OF DRAINAGE PUMPING PLANTS. 81 p. 1950. (USDA Tech. Bul.
No. 1008) 1 Ag84Tc No. 1008
DETERMINING WATER REQUIREMENTS IN IRRIGATED AREAS FROM CLIMATOLOGICAL AND IRRIGATION
DATA. 48 p. 1950. (SCS-TP-96) 1.96 Ad6TP No. 96
FARM LAND DEVELOPMENT: present and future by clearing, drainage, and irrigation.
67 p. 1949. (USDA Cir. No. 825) 1 Ag84C No. 825
IRRIGATION PRACTICES AND CONSUMPTIVE USE OF WATER IN PACHARO VALLEY, CALIF.
62 p. 1949.
PUMPING MANUAL FOR IRRIGATION AND DRAINAGE. 39 p. 1950. (Oreg. Agr. Expt.
Sta. Bul. No. 481) 100 Or3(b) No. 481
WATER APPLICATION EFFICIENCIES IN IRRIGATION. 17 p. 1946.

RABBITS

- RABBIT PRODUCTION. 58 p. 1950. (USDA Farmers Bul. No. 1730 rev.) 1 Ag84F
No. 1730

RANGE MANAGEMENT

- FIRST-YEAR EFFECTS OF LOGGING ON FORAGE PRODUCTION. 5 p. 1950. (Pacific North-
west forest & range expt. sta. Research note No. 62) 1.9 F76 P11F No. 62
GLOSSARY OF BOTANICAL TERMS COMMONLY USED IN RANGE RESEARCH. 40 p. 1950.
(USDA Misc. Pub. No. 110 rev.) 1 Ag84M No. 110
QUESTIONS AND ANSWERS ABOUT GRAZING ON NATIONAL FORESTS. 18 p. 1949. (USDA
AIS No. 80) 1 Ag84Ai No. 80
RANGE RESEARCH HI-LITES. Pub. monthly by Northern Rocky Mountain forest & range
experiment station. 1.9622 N3R16
RESEEDING TARWEED-INFESTED RANGES. 6 p. 1950. (Pacific Northwest Forest &
Range Expt. Sta. Research Note No. 68) 1.9 F76 P11F No. 68
A SELECTED BIBLIOGRAPHY OF RANGE MANAGEMENT LITERATURE PUBLISHED IN 1949. 24 p.
1.9622 N3Sc4 v.1, No. 4

RICE

- CALIFORNIA RICE PRODUCTION. 54 p. 1950. (Calif. Agr. Col. Ext. Cir. No. 163)
100 C12E No. 163
RICE CULTURE IN CALIFORNIA. 32 p. 1950. (USDA Farmers Bul. No. 2022)
1 Ag84F No. 2022

"Knowledge is of two kinds: we know a subject
ourselves, or we know where we can find in-
formation upon it."

Boswell's Life of Dr. Johnson

WATER

EFFECTS OF DIVERTING SEDIMENT-LADEN RUNOFF FROM ARROYOS TO RANGE AND CROP LANDS.
83 p. 1950. (USDA Tech. Bul. No. 1012) 1 Ag84Te No. 1012

METHODS OF ANALYSIS USED IN THE RUBIDOUX LABORATORY, RIVERSIDE, CALIF. 67 p.
1950.

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